

a rigid riser part connected to the flexible riser part at one end and to the floating support at the second end thereof,

said rigid riser part having a length at least equal to half the water depth, and

further including a catenary anchor system applied to the rigid riser part in the vicinity of the junction or a connector between the flexible riser part and the rigid riser part, the catenary anchor system comprising one or more tendons anchored to a sea bottom,

wherein the pipe is an injection pipe or line and characterized in that the rigid riser part is connected to a source of fluid to be injected and the flexible riser part is connected to a point where the fluid is to be injected.

11) (four times amended) A system for producing petroleum effluents in great water depths allowing fluid transfer between a floating support and a source of effluents, characterized in that the system comprises at least one or more risers and/or one or more injection lines, and wherein each of the one or more risers and/or one or more injection lines is a pipe for great water depths (D) allowing transfer of a fluid between a floating support (1) and a point located below and at a distance from the water surface, characterized in that it comprises:

a continuously flexible riser part (7) connected, at one end, to the point located below the surface, and

a rigid riser part (6) connected to the flexible riser part at one end and to the floating support at the second end thereof,

said rigid riser part (6) having a length at least equal to half the water depth,

further comprising a catenary anchor system (10) applied to the rigid riser part in the vicinity of the junction and/or of connector (8) between flexible riser part (7) and rigid riser part (6) and anchored to a sea bottom.

17) (amended) A pipe for great water depths allowing transfer of a fluid between a floating support and a point located below and at a distance from the water surface, characterized in that it comprises:

at least one flexible riser part connected, at one end, to the point located below the surface, and

at least one rigid riser part connected to the flexible riser part at one end and to the floating support at the second end thereof, said rigid riser part having a length at least equal to half the water depth, and

a catenary anchor system applied to the rigid riser part in the vicinity of the junction or a connector between the flexible riser part and the rigid riser part, the catenary anchor system comprising one or more tendons anchored to a sea bottom.